

#2  
OIPE

## RAW SEQUENCE LISTING

DATE: 10/11/2001

PATENT APPLICATION: US/09/835,370

TIME: 09:43:57

Input Set : A:\24811741.app

Output Set: N:\CRF3\10112001\I835370.raw

3 <110> APPLICANT: UHLMANN, EUGEN  
4 BREIPOHL, GERHARD  
5 WILL, DAVID W  
7 <120> TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND  
8 PROCESSES FOR PREPARING THEM  
10 <130> FILE REFERENCE: 02481.1742 SEQUENCE LISTING  
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/835,370  
C--> 13 <141> CURRENT FILING DATE: 2001-04-17  
15 <160> NUMBER OF SEQ ID NOS: 64  
17 <170> SOFTWARE: PatentIn Ver. 2.1  
19 <210> SEQ ID NO: 1  
20 <211> LENGTH: 21  
21 <212> TYPE: DNA  
22 <213> ORGANISM: Artificial Sequence  
24 <220> FEATURE:  
25 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide  
26 base sequence of PNA derivatives that bind to  
27 viral and cellular targets  
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38 <220> FEATURE:  
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53 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide  
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68 base sequence of PNA derivatives that bind to

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69      viral and cellular targets
71 <400> SEQUENCE: 4
72 gcggggctcc atgggggtcg                                20
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80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
82      base sequence of PNA derivatives that bind to ✓
83      viral and cellular targets
85 <400> SEQUENCE: 5
86 cagctgcaac ccagc                                    15
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 11
91 <212> TYPE: DNA ✓
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
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97      viral and cellular targets
99 <400> SEQUENCE: 6
100 tattccgtca t                                        11
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114 ttccgtcatc gtcctcagg gg                            22
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125      viral and cellular targets
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139     viral and cellular targets
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153     viral and cellular targets
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167     viral and cellular targets
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170 gtgccgggggt ctccgggc                18
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175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence ✓
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180     base sequence of PNA derivatives that bind to ✓
181     viral and cellular targets
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184 cgagaacatc atcgtgg                17
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195     viral and cellular targets
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204 <213> ORGANISM: Artificial Sequence ✓
206 <220> FEATURE:

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 208 base sequence of PNA derivatives that bind to  
 209 viral and cellular targets  
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 216 <211> LENGTH: 20  
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 223 viral and cellular targets  
 225 <400> SEQUENCE: 15  
 226 ggggaaagcc cggcaagggg 20  
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 234 <220> FEATURE:  
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 236 base sequence of PNA derivatives that bind to  
 237 viral and cellular targets  
 239 <400> SEQUENCE: 16  
 240 caccgcctt ggctccac 20  
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 250 base sequence of PNA derivatives that bind to  
 251 viral and cellular targets  
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 254 gggactccgg cgcagcgc 18  
 257 <210> SEQ ID NO: 18  
 258 <211> LENGTH: 20  
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 264 base sequence of PNA derivatives that bind to  
 265 viral and cellular targets  
 267 <400> SEQUENCE: 18  
 268 ggcaaacttt ctttctcc 20  
 271 <210> SEQ ID NO: 19  
 272 <211> LENGTH: 19  
 273 <212> TYPE: DNA  
 274 <213> ORGANISM: Artificial Sequence

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276 <220> FEATURE:
277 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
278     base sequence of PNA derivatives that bind to
279     viral and cellular targets
281 <400> SEQUENCE: 19
282 gggaaggagg aggatgagg                                     19
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290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
292     base sequence of PNA derivatives that bind to
293     viral and cellular targets
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296 ggcagtcatc cagcttcgga g                                     21
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300 <211> LENGTH: 18
301 <212> TYPE: DNA
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306     base sequence of PNA derivatives that bind to
307     viral and cellular targets
309 <400> SEQUENCE: 21
310 tctcccagcg tgcgcat                                     18
313 <210> SEQ ID NO: 22
314 <211> LENGTH: 19
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial Sequence
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320     base sequence of PNA derivatives that bind to
321     viral and cellular targets
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324 gcgctgatag acatccatg                                     19
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334     base sequence of PNA derivatives that bind to
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337 <400> SEQUENCE: 23
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341 <210> SEQ ID NO: 24
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/835,370

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TIME: 09:43:58

Input Set : A:\24811741.app

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date